

RULES AND REGULATIONS (DRONE - SENIORS)

Eligibility Criteria:

- Diploma, Degree, B. Tech students are allowed to participate.

Team & Roles:

- Each team must consist of 2 or 4 members (Odd number participation not allowed).
- In teams of 4 members, they are divided into 2 sub-teams (each consisting of 1 pilot and 1 co-pilot).
- In 4-member teams, 2 members will pilot the drone in turns, while the other 2 will act as co-pilots. In teams of 2 members, they will alternate as pilot and co-pilot.

Registration and Replacement Policies:

- Registered participants cannot be replaced until the finals.
- Only one drone model can be used throughout the competition.
- Participants will receive a confirmation email upon registration in prelims and zonal level.

Drone Handling and Specifications:

- Participants must have their drones checked by the coordinator before each competition level. (50 x 60 cm - L x B) Drones exceeding the size limit will lead to disqualification.
- Only specific types of drone kits are allowed. Purchase of selected model drone kits are allowed (Mentioned the eligible drone kits in the next page of the document).
- Ready-made drones / Racing Drone of higher brands are not allowed (e.g., DJI, etc).
- 3D-printed drones within specified dimensions, including propellers, are allowed.
- Any damage to drones is the participant's responsibility.

Piloting and Movement:

- Test flights are not allowed in or around the arena.
- Any rule changes will be announced before the competition starts.
- Pilots must stay in the designated piloting area and should not move. Only co-pilots can move around the arena to guide the pilot.
- Participants must not disturb the arena. Any disturbance will result in immediate disqualification.
- The arena can be indoors or outdoors, requiring pilots to adjust their strategies accordingly.

Judging and Selection:

- Judges' decisions are final at every level. Teams failing to adhere to the rules or causing disruptions will be immediately disqualified.
- Teams are evaluated based on their ability to skillfully control the drone and how quickly they reach the finish line.
- Teams must show consistent performance and adaptability to different arena settings (indoor and outdoor).

Drone Specifications:

- Drone Dimensions: L x B = 50 x 60 cm.
- Allowed Drone Models:
 - **Drone F450 Model**
 - **Drone Q450 Model**
 - **Drone Q250 Model**
 - **Drone 350 Model**
 - **Drone 180 model**
 - **3D Printed Drones**
 - **Any D.I.Y drone model within the dimension mention.**

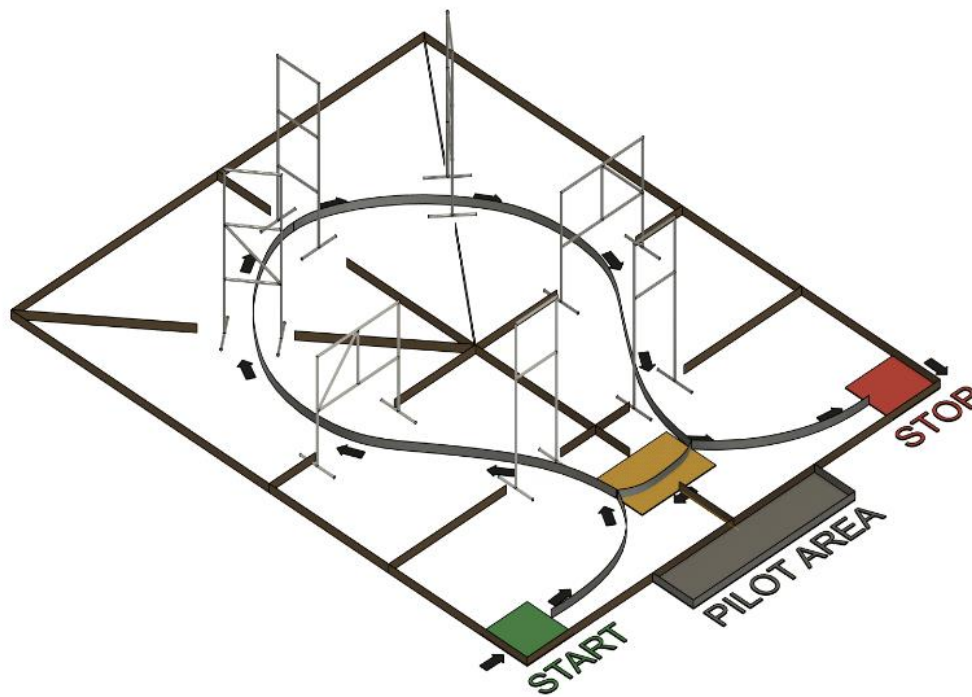
Referral links: -

- [Orange KK Flight Controller Based Q450 Quad Drone Kit - Robu.in | Indian Online Store | RC Hobby | Robotics](#)
- [Quadcopter Drone Combo with APM 2.8 Kit for beginner - Multirotor - FlyRobo](#)
- [Q250 3S Analog FPV Drone – PNP – Hi Tech xyz](#)
- [ZMR250 3 - 4S Analog FPV Drone - PNP – Hi Tech xyz](#)
- [Scwotize-4K-Dual-HD-Camera-Professional-Folding-Drone-Brushless-Motor-WIFI-FPV-Quadcopter-Drone-D5 \(DM45\) : Amazon.in: Toys & Games](#)

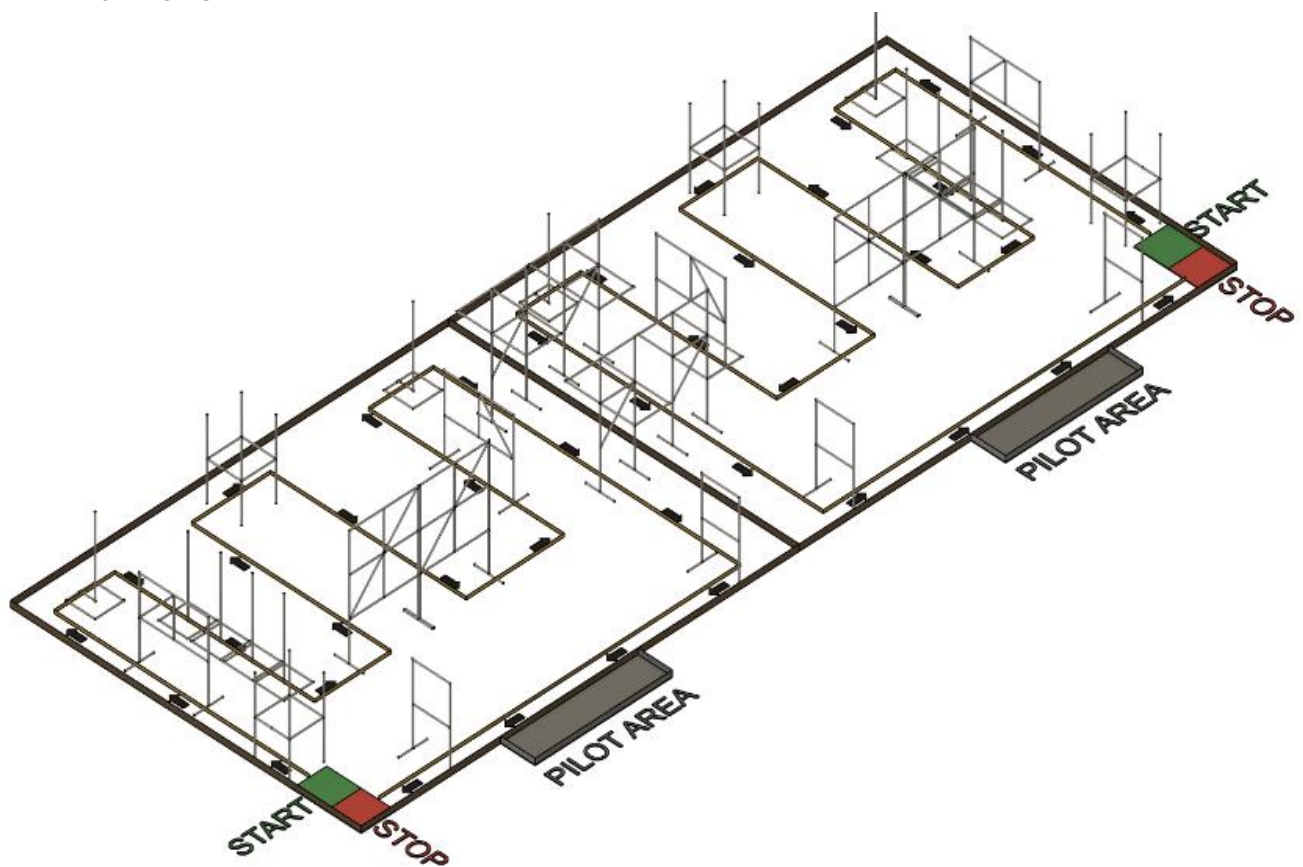
Arena Specifications:

- Zonal Level: 20 x 20 feet with obstacles.
- Final Level: 50 x 20 feet with obstacles, split into two sections for two teams to participate at once.

Zonal Level



Final Level



NOTE: Please note that the arenas shown in the images are for conceptual purposes only; a few modifications might occur in the real-time arena.